

Species Tag:	3001	Species Name:	HD
Version:	2		Mono-deuterated
Date:	Oct. 1989		molecular hydrogen
Contributor:	H. M. Pickett		

Lines Listed:	1	$Q(300.0) =$	5.016
Freq. (GHz) <	2675	$Q(225.0) =$	3.858
Max. J:	1	$Q(150.0) =$	2.701
LOGSTR0=	-5.6	$Q(75.00) =$	1.571
LOGSTR1=	-7.5	$Q(37.50) =$	1.098
Isotope Corr.:	-3.523	$Q(18.75) =$	1.003
Egy. ( $\text{cm}^{-1}$ ) >	0.0	$Q(9.375) =$	1.000
$\mu_a =$	0.000585	A=	
$\mu_b =$		B=	1339100.
$\mu_c =$		C=	

The dipole moment is from M. Trefler and H. P. Gush, 1968, Phys. Rev. Lett. **20**, 703. The frequency has been measured by K. M. Evenson *et al.*, 1988, Astrophys. J. **330**, L135. This measurement has also been confirmed at JPL using laser sideband techniques (unpublished data).